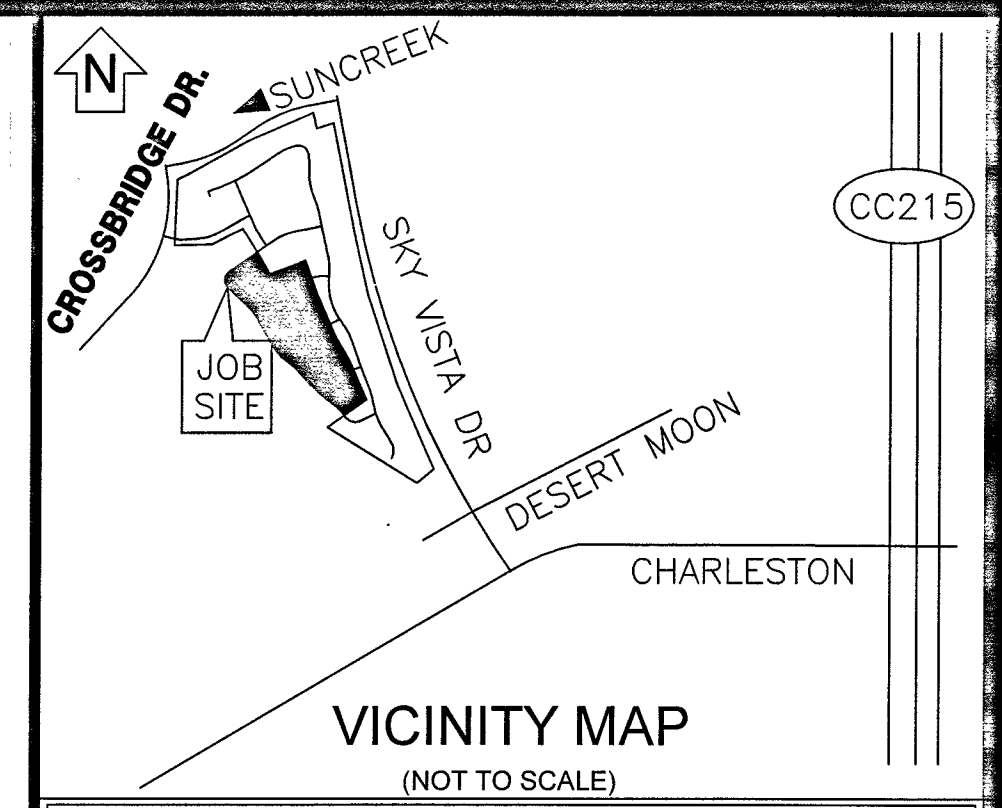




EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

REVISIONS

STANDARD DCA

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EXHIBIT 'A'

NVEnergy INFORMATION:

COORDINATOR: STEVE STATON
PHONE: 702-332-9107

DESIGNER: DAVID MONROE D.F. KL

DCA: 285-8182, 219-5761 NORTH

INSPECTOR: 402-3008
STAND BY: 402-4114, 402-4117, 402-4118

DISTRICT: LAS VEGAS NORTH

JPA INFORMATION:

JPA ADMIN. PHONE: N/A JPA #: N/A

CUSTOMER INFORMATION:

APPLICANT: GREYSTONE NEVADA LLC
ENGINEER: BCL ENGINEERING, INC.

ENGINEER: RCI ENGINEERING, INC
CONTACT: DAVE WAGNER** 702-376-0526

APPROVAL DATE: 9/28/18

GOVERNMENT INFORMATION:
AGENCY: CITY OF LAS VEGAS

APPROVAL DATE: N/A

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE

WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.



NVEnergy™

SUMMERLIN V24 PARCEL C

PH 2

CROSSBRIDGE / SUNCREEK DR

L18-00350-0001 10745062-2	
PROJ. ID: 3002333245	SCALE: 1" = 30'

SHEET # 2 OF 3	DATE: 06/12/2018
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NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE TITLE 19.06 AND 19.08

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

Shawn Butler

APPROVAL BY: 1/10/19
DATE

CITY OF LAS VEGAS PERMIT REQUIRED*	
CONTACT CLV LAND DEVELOPMENT (229-6371) CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6373)	
HANSEN _____	
DATE _____	
*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK. FAX PERMIT TO: LAS VEGAS NORTH (RYAN CENTER): 402-4354 LAS VEGAS SOUTH (BELTWAY CENTER): 402-6864	



LEGEND

1	INSTALL B-36 PULL BOX (24"x36"x24")
2	EXISTING B-36 PULL BOX (24"x36"x24")
3	INSTALL B-50 PULL BOX (13"x24"x24")
4	EXISTING B-50 PULL BOX (13"x24"x24")
5	INSTALL B-100 PULL BOX (24"x36"x24")
6	EXISTING B-100 PULL BOX (24"x36"x24")
7	INSTALL T-200 CATV VAULT (30"x48"x36")
8	EXISTING T-200 CATV VAULT (30"x48"x36")
9	INSTALL T-400 CATV VAULT (36"x60"x36")
10	EXISTING T-400 CATV VAULT (36"x60"x36")
11	INSTALL T-600 CATV VAULT (48"x72"x36")
12	EXISTING T-600 CATV VAULT (48"x72"x36")
13	INSTALL NEW CATV PEDESTAL
14	EXISTING NEW CATV PEDESTAL
15	R&R S/W SLAB(S)
16	POTHOLE
17	—C—C—C— SIDEWALK/DIRT TRENCH INSTALL
18	—C—C—C— ASPHALT/STREET TRENCH INSTALL
19	—B—B—B— PROPOSED BORE
20	—X—X—X— EXISTING CATV CONDUIT(S)
21	—OHC— PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	—XOHC— EXISTING OVERHEAD FIBER OPTIC CABLE OR COAX
23	— — — — — U.G. FIBER/COAX PULL
24	— — — — — RIGHT OF WAY LINE
25	— — — — — LOT/PROPERTY LINE
26	— — — — — EDGE OF PAVEMENT
27	[P] EXISTING NVE PULL BOX
28	[T] EXISTING TELCO PULL BOX
29	[TM] EXISTING TELCO MANHOLE
30	[T] EXISTING TELCO POLE
31	[NVE] EXISTING NVE POLE
32	[NVE] EXISTING NVE TRANSMISSION POLE
33	[X] EXISTING JOINT POLE
34	[X] EXISTING JOINT POLE WITH TRANSFORMER
35	[A] POLE ANCHOR
36	[NVE] EXISTING NVE TRANSFORMER TRANSFORMER PAD
37	[TS] SNWA TEST STATION
38	[CPS] COX POWER SUPPLY (49"x24"x52")
39	[RC] INSTALL RHINO CABINET
40	[RPO] RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED
41	[RR] RAILROAD
42	[MH] EXISTING MANHOLE (SS)(SD)...ECT
43	— — — — — 1in CONDUIT LATERAL
44	[S] STORMWATER ASSETS
45	

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

BEFORE YOU DIG
OR 1-800-227-2600
UNDERGROUND SERVICE (USA)

BEFORE YOU OVERHEAD
1-702-227-2928
NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL BEFORE YOU DIG

AVOID OVERHEAD POWER LINE CONTACT
CALL BEFORE YOU OVERHEAD

STORMWATER ASSETS

STORMWATER ASSETS

(T20S R59E)

REVISIONS

REV	DESCRIPTION	DATE	BY
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APPROVED FOR CONSTRUCTION

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Shawn Butts 1/10/19
APPROVAL DATE

PERMIT # 144620
DRAWN BY WTB
DATE 10-9-18
SCALE 1:30
NO 405051800000144620
PROJECT # LVAHL
TECH # 702-420-6819
APPROVED BY MANDY MOORE

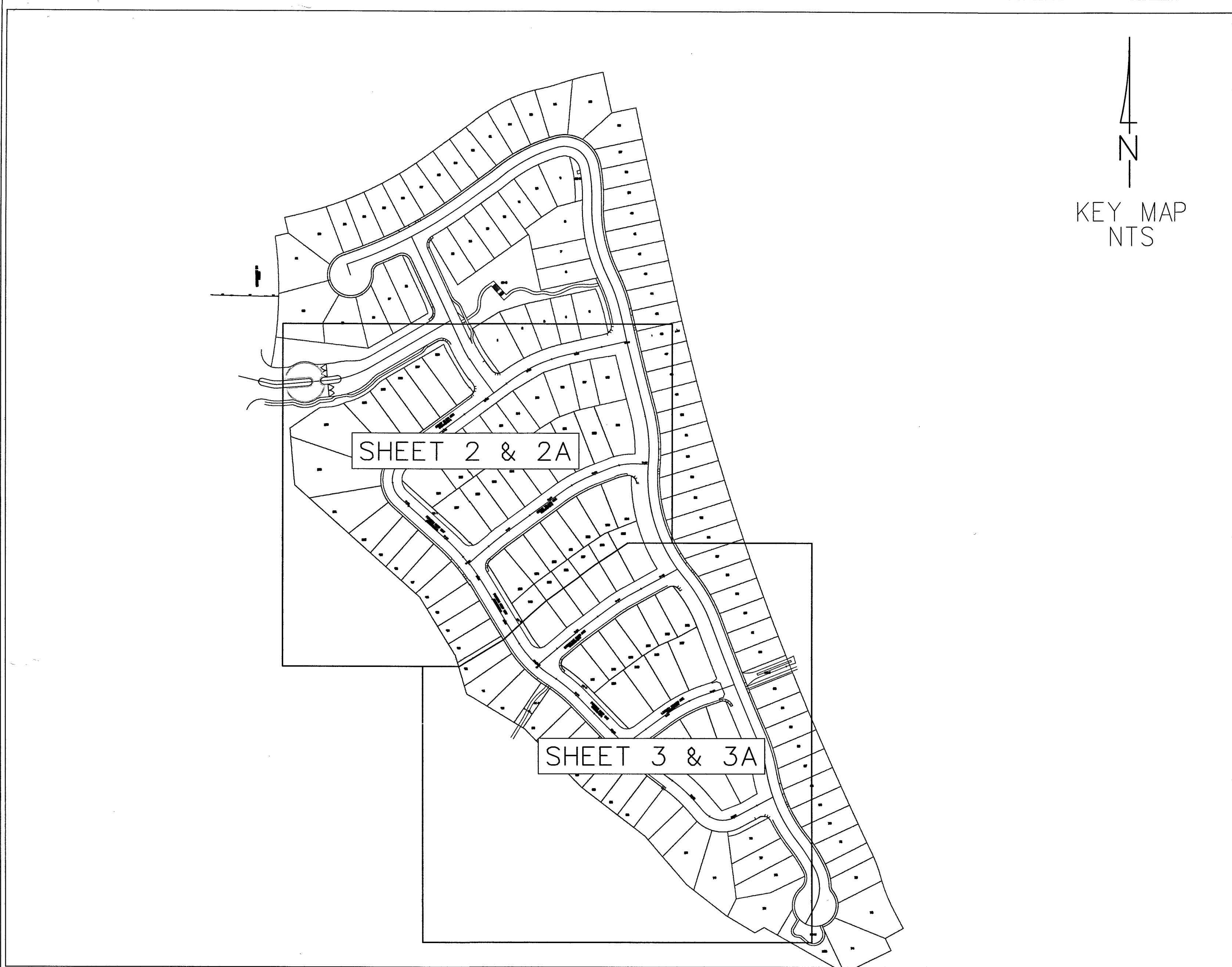
CITY OF LAS VEGAS
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 545-1606
FAX: (702) 545-2006

CITY/ENTITY CITY OF LAS VEGAS
PROJECT LOCATION SUMMERLIN VILLAGE 24 PAR C PH 2
SHALLOW SHOAL ST & FERRY GUIDE AVE
SUB-CONTRACTOR TBD
ENTITY NOTES

1
SHEET 1 OF 2

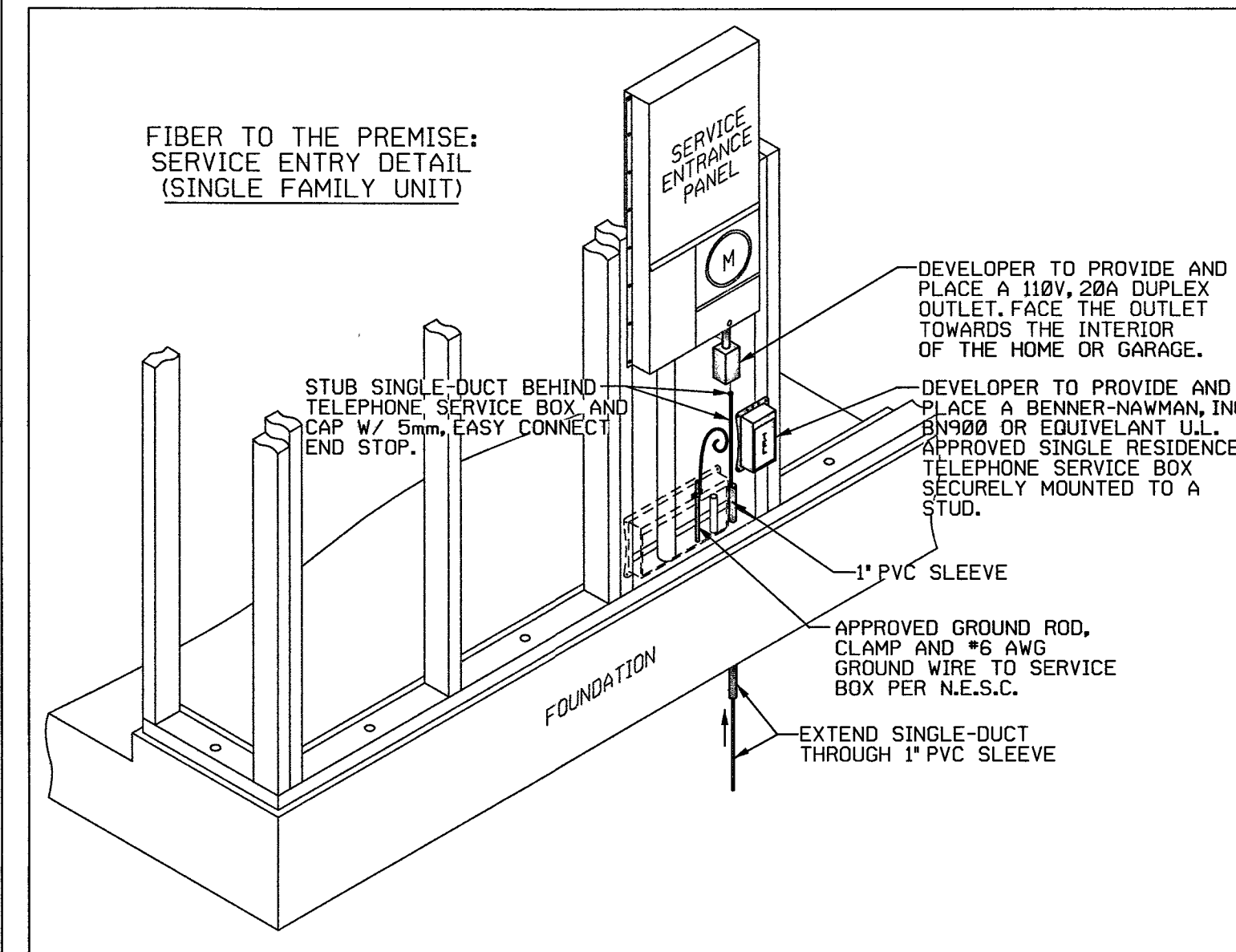
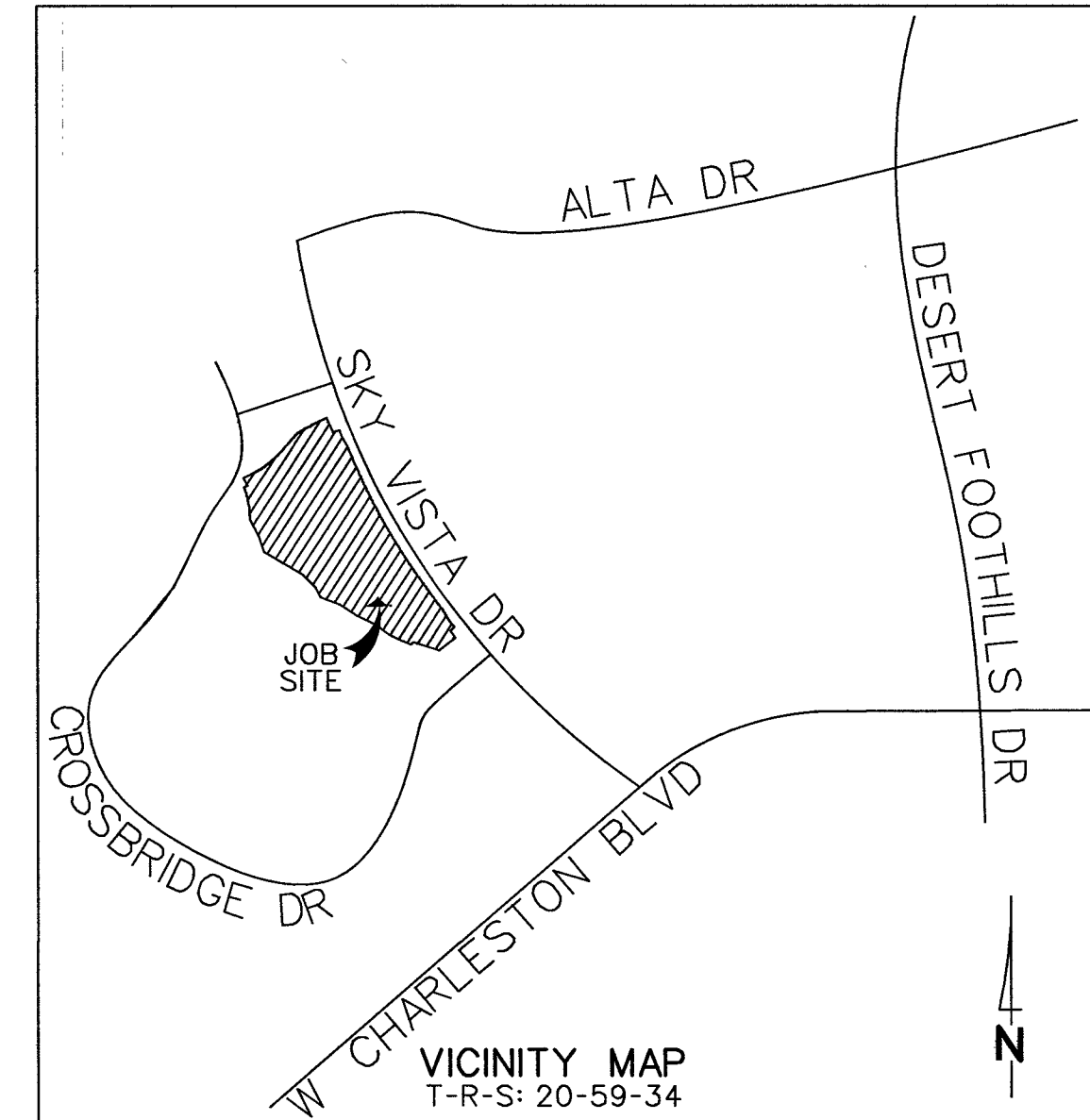
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12/18/18
L18-00350-0001



T&S LEGEND (HEXATRONIC)	
24WMD-A	= 24-WAY - MULTI-DUCT (MD) - Ø=1.57/38.1mm (LETTER INDICATES DUCT IDENTIFIER, I.E. A)
19WMD-B	= 19-WAY - MULTI-DUCT (MD) - Ø=1.28/32.4mm (LETTER INDICATES DUCT IDENTIFIER, I.E. B)
12WMD-C	= 12-WAY - MULTI-DUCT (MD) - Ø=1.08/27.4mm (LETTER INDICATES DUCT IDENTIFIER, I.E. C)
7WMD-D	= 7-WAY - MULTI-DUCT (MD) - Ø=0.88/22.3mm (LETTER INDICATES DUCT IDENTIFIER, I.E. D)
4WMD-E	= 4-WAY - MULTI-DUCT (MD) - Ø=0.76/19.3mm (LETTER INDICATES DUCT IDENTIFIER, I.E. E)
2WMD-F	= 2-WAY - MULTI-DUCT (MD) - Ø=0.47/11.8mm (LETTER INDICATES DUCT IDENTIFIER, I.E. F)
SD(4)	= 1-WAY - SINGLE-DUCT (SD) - Ø=0.47/11.8mm (NUMBER IN PARENTHESIS INDICATES QUANTITY OF SINGLE-DUCT IN EACH TRENCH SECTION)
DJC	= DUCT JOINT CLOSURE (DJC) ATTACH A LOCATOR BALL AT EACH DJC LOCATION.
GATE SERVICE CABINET (24" x 24" x 6" W/ 110V OUTLET; ULL APPROVED RAIN-TIGHT WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED INSIDE WITH A 3/4" PLYWOOD BACKBOARD (1" SMALLER ON ALL SIDES, CENTERED IN CABINET) SECURED WITH RECESSED MOUNTING HARDWARE AND A # 6 GROUND WIRE CONNECTED TO AN APPROVED GROUNDING SOURCE. MOUNT CABINET AT EYE LEVEL A MINIMUM OF 36" ABOVE FINISH GRADE. INCLUDE 1" SLEEVE FROM BOTTOM OF CABINET TO BELOW GRADE FOR INCOMING SERVICE AND ONE (1) DEDICATED 110V/20A, NON GFI, DUPLEX RECEPTACLE WIRED TO MAIN GATE POWER.	
EXISTING	PROPOSED
100 PULL BOX (24" x 36" x 36" I.D.) - POLYMER CONCRETE TYPE PULL BOX. 100 PULL BOXES TO BE PROVIDED BY AND DELIVERED TO THE JOB SITE BY CENTURYLINK.	
FDH PAD & GND. - REFER TO HEXATRONIC INSTALL GUIDE AND 4"x4"x6" FDH PAD DETAILS ON PLAN SHEETS	

STANDARD LEGEND	
	P.V.C. - D.B. (DIRECT BURIAL) GRADE: D.B. 60 FOR 1", 2", & 3" D.B. 100 FOR 4" D.B. 110 FOR 6"
	HDPE - SDR-11 FOR 100"
	45°/90° RADIAL BENDS - FACTORY FORMED SCHEDULE 40 PVC. 24" RADIUS FOR 1" / 36" RADIUS FOR 2" / 48" RADIUS FOR 4"
	EXISTING CONDUIT STUB; SEE PLAN FOR SIZE/QTY.
	EXISTING MANHOLE - REFER TO DRAWING FOR SIZE/TYPE.
	EXISTING 400 PULL BOX (3'0" x 5'0" x 4'0" I.D.)
	EXISTING 200 PULL BOX (3'0" x 4'0" x 3'0" I.D.)
	EXISTING 100 PULL BOX (2'4" x 3'0" x 3'0" I.D.)
	EXISTING 30 PULL BOX (1'7" x 3'0" x 3'0" I.D.)
	EXISTING POWER/TELEPHONE POLE
	EXISTING TELEPHONE ANCHOR
	EXISTING OVERHEAD POWER AND TELEPHONE CABLE(s)
	TELEPHONE TERMINAL CABINET (T.T.C.) AND GROUND; REFER TO DRAWING FOR SIZE/TYPE.
	TELEPHONE TERMINAL BACKBOARD (T.T.B.) AND GROUND; REFER TO DRAWING FOR SIZE/TYPE.
	Right-Of-Way or Property Line
	Centerline



RTC SOUTHERN NEVADA NOTES:

- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
- FOR BACKFILL REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

APPROVED FOR CONSTRUCTION

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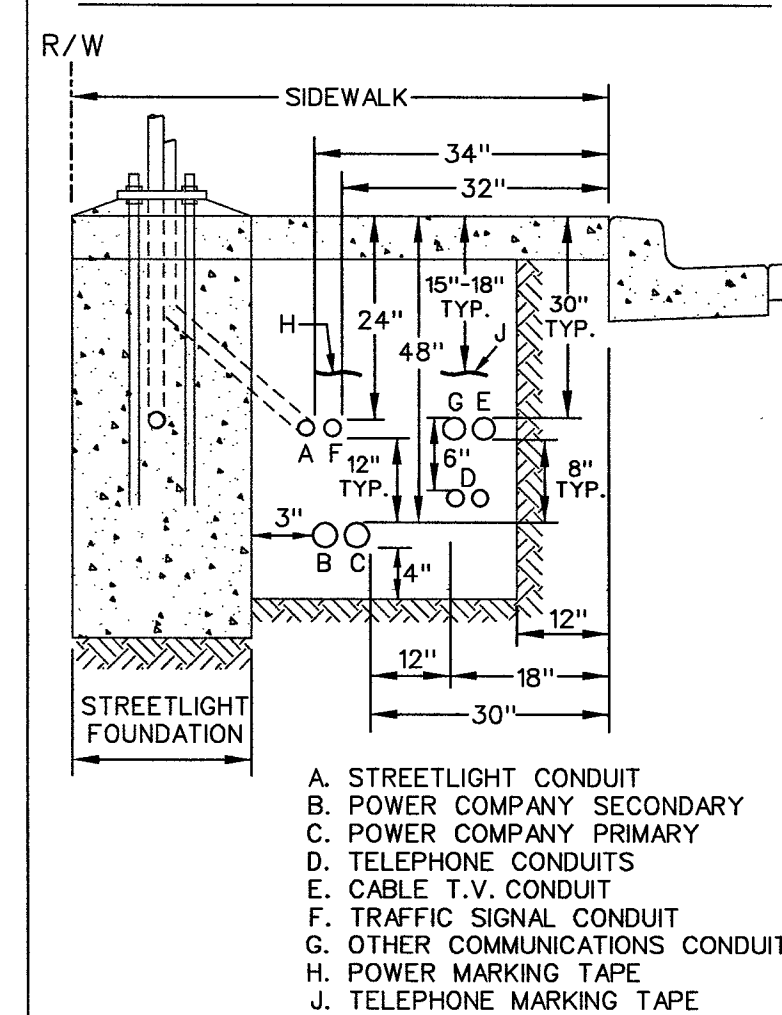
APPROVAL: *[Signature]* DATE: 1/10/19

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

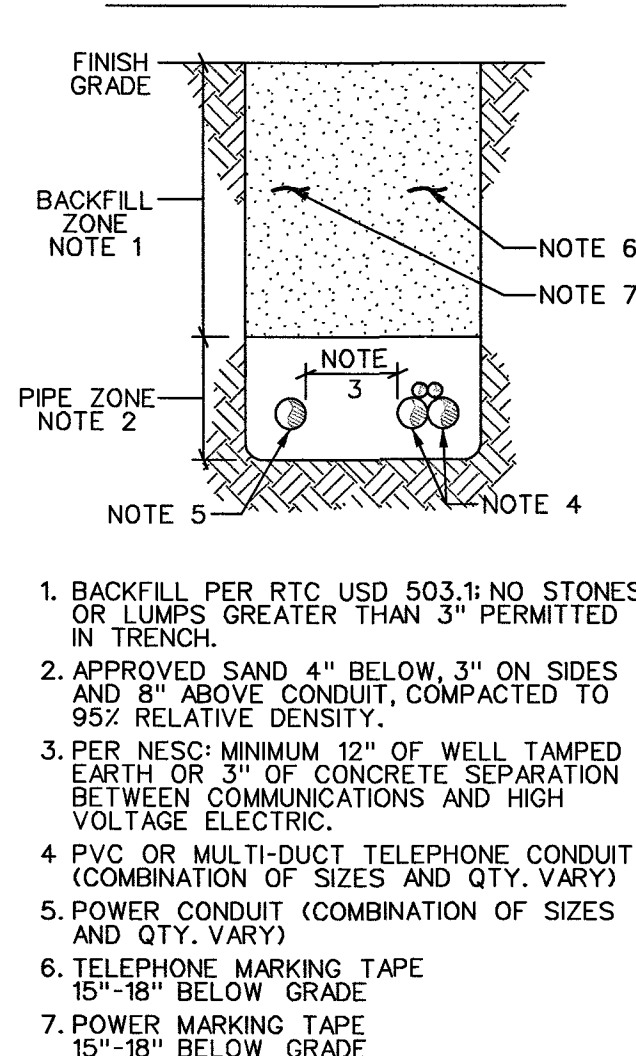
GENERAL NOTES FOR T&S (HEXATRONIC)

- ALL CONSTRUCTION SHALL CONFORM TO THE NEVADA DIVISION OF CENTURYLINK SPECIFICATIONS. SEE LATEST ISSUE FOR THE INSTALLATION OF UNDERGROUND RESIDENTIAL DISTRIBUTION TELEPHONE SYSTEM.
- TRENCHING, BACKFILLING AND RESTORATION WORK ARE TO BE PROVIDED BY THE DEVELOPER AND SHALL CONFORM TO THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC) UNIFORM STANDARD DRAWINGS.
- ANY CONDUIT PLACED FOR DEVELOPER'S CONVENIENCE (I.E. STREET CROSSING, STUB-OUTS FOR FUTURE UNITS) WILL BE PLACED AT DEVELOPER'S EXPENSE.
- TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE AND SITUATED TO AVOID DRIVEWAYS AND HANDICAP RAMPS (UNLESS SHOWN OR NOTED OTHERWISE). ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" COVER FROM FINAL GRADES TO TOP OF PIPE (EXCEPT WHEN ENTERING TELEPHONE BOXES). MAINTAIN 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. BOXES WILL BE ESTABLISHED TO FINISH GRADE.
- TRENCH AND SUBSTRUCTURE TO A RESIDENCE MUST BE 18" FROM THE SIDE LOT LINE WITH A MINIMUM DEPTH TO MAINTAIN 30" COVER FROM FINISH GRADE AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES.
- CABLE RACKS WILL BE INSTALLED IN ALL 2'-0" x 3'-0" x 3'-0" PULL BOXES AND LARGER PER CENTURYLINK SPECIFICATIONS.
- ALL TELEPHONE BOXES NOT IN SIDEWALK AREAS WILL BE REQUIRED TO HAVE A PROTECTIVE CONCRETE COLLAR, RE-ENFORCED WITH REBAR, POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK SPECIFICATIONS.
- WHEN JOINING EXISTING STUB-OUTS, THE LOCATION AND VALIDITY OF THE STUB-OUTS ARE ASSUMED AND BASED OFF RECORDS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING CONDUIT STUB-OUT. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROVE AND PLACE PULL STRING IN THE EXISTING CONDUIT AS PART OF CONNECTING TO THE STUB FOR EXTENSION TO THIS PROJECT. IF THE CONDUIT CANNOT BE PROVED OR IS IDENTIFIED AS BEING DAMAGED THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE DUCTS WHERE DAMAGED OR INSTALL NEW CONDUIT BACK TO THE EXISTING TRUE POINT OF RE-ENFORCABLE SERVICE (I.E. MANHOLE OR PULL BOX) AT THE DEVELOPERS EXPENSE.
- THE CONTRACTOR SHALL PROVE AND MANOREL ALL PVC CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANOREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL PVC CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE PVC DUCT SYSTEM WILL HAVE A 3/32" JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH (APPLIES TO PVC PIPE ONLY).
- A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL PVC CONDUIT WHERE TERMINATED OR STUBBED.
- CAP AND LABEL ALL SINGLE-DUCT'S (SD'S) AT THE LOT LINES, AS SHOWN ON THE PLANS, UNTIL SIDE TRENCHES ARE OPEN. LEAVE 18" OF SD ON TRANSFORMER LOTS AND 8' OF SD ON NON-TRANSFORMER LOTS FOR FUTURE EXTENSION.
- BOND ALL MULTI-DUCT AND SINGLE-DUCT AS REQUIRED.
- THE DEVELOPER SHALL PROVIDE A # 6 COPPER GROUND WIRE FROM EACH TERMINAL CABINET, BACKBOARD AND/OR NETWORK INTERFACE DEVICE (NID) FOR A SINGLE FAMILY UNIT TO A COMMON GROUND WITH NV ENERGY PER THE NATIONAL ELECTRIC SAFETY CODE SPECIFICATIONS. ALL TERMINAL CABINETS WILL HAVE A 2" METAL RISER.
- IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THIS TRENCH AND SUBSTRUCTURE DESIGN NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
- CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY. ALLOW 48 HOURS ADVANCE NOTICE FOR DIRECT BURIED MULTI-DUCT IN OPEN TRENCH AND SIDE-LOT TRENCH SECTIONS. THE 48 HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES THE OPEN TRENCH.

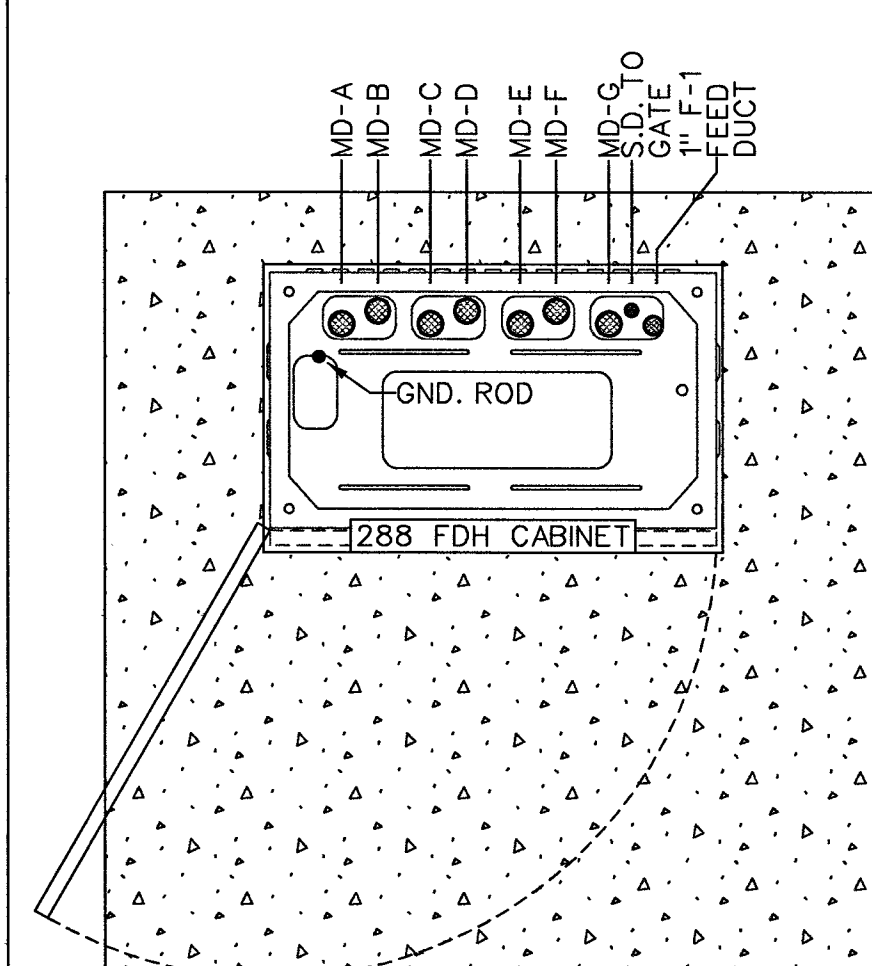
TYPICAL UNDERGROUND UTILITY LOCATIONS RESIDENTIAL STREETS 60' R/W OR LESS PER R.T.C. U.S.D. #501



PIPE ZONE REQUIREMENTS



TYPICAL FDH MULTI-DUCT ALIGNMENT N.T.S. (NOTE: CONFIGURATION OF MD'S AT EACH JOB SITE WILL VARY)



THIS PROJECT HAS BEEN DESIGNED AS JOINT TRENCH WITH NV ENERGY PER THE LATEST NV ENERGY PLAN. NOTIFY THE CENTURYLINK ENGINEER IMMEDIATELY IF REVISIONS OCCUR.

Project Description: RESIDENTIAL FIBER TO THE PREMISE (FTTP) - HEXATRONIC

Project # N.440391

WC CLLI: LSVGNVXVW

Community Name: SUMMERLIN VILLAGE 24 PARCEL C PHASE 2

WEST WEST

Remote Switch Exchange Key: N/A

Engineering Contact

Name: Lori Johnson
Phone Number: 702-244-7899

Contract Engineer

Name: Tyler Owen
Phone Number: 702-395-2776

Construction Coordinator

Name: Stacie Booth
Phone Number: 702-244-7830

Revision: 0

CenturyLink™

CONFIDENTIAL-Disseminate and Distribute Solely to CTL Employees Having a Need to Know.

Sheet: 1 Issue Date: 10/19/18

L18-00350-0001 107V5062-2

F-2: HEXATRONIC LAYOUT



TOTAL HEXATRONIC QUANTITIES:		
MATERIAL (HEX)	DESIGN EST.	ORDER QTY.
*24W MULTI-DUCT	1,940	1,640
1W SINGLE-DUCT	7,287	8,200
DJC	20 EACH	20 EACH

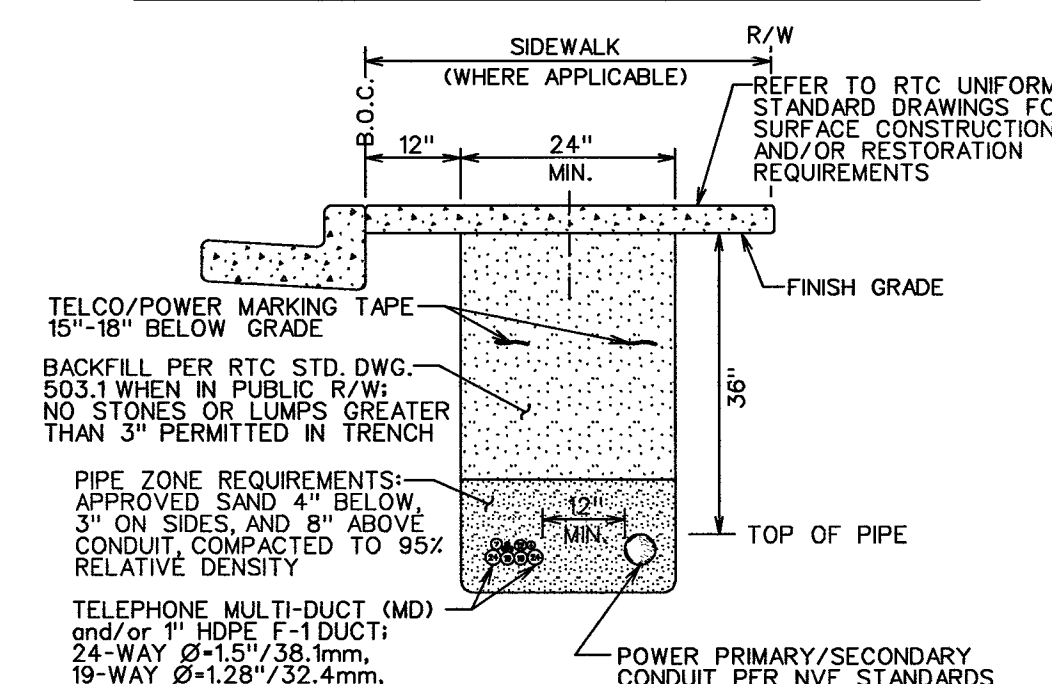
*NOTE: USE EXCESS 24-WAY M.D. ORDERED ON UNIT 1 (N.305747)

THIS DRAWING MAY SHOW APPROXIMATE LOCATIONS OF KNOWN UTILITIES IN THE IMMEDIATE VICINITY OF THE WORK TO BE DONE, BUT CENTURYLINK DOES NOT GUARANTEE OR ASSUME LIABILITY FOR THEIR POSITION OR DEPTH. CONTRACTORS SHALL DETERMINE TO THEIR SATISFACTION THE ACTUAL POSITION AND DEPTH OF EXISTING UTILITIES AS THEY WILL ASSUME THIS LIABILITY DURING THE PERFORMANCE OF THIS WORK.

SINGLE-DUCT (S.D.) NOTE:

- 1) CONTRACTOR TO COIL, TEST AND END CAP THE SINGLE-DUCT (S.D.) AT EACH LOT LINE WHERE DESIGNATED ON THE DRAWINGS.
- 2) LABEL EACH S.D. WITH THE LOT NUMBER.
- 3) LEAVE SUFFICIENT AMOUNT OF SINGLE-DUCT COILED AT THE SIDE LOT TRENCH TO REACH THE ENTRY POINT OF EACH HOME. NOTE THAT LENGTHS VARY TO EACH HOME DUE TO VARYING SETBACKS AT EACH LOT.
- 4) S.D. WILL BE EXTENDED TO EACH HOME AT A LATER DATE WHEN THE SIDE LOT TRENCHES ARE OPENED.

TYPICAL TRENCH SECTION (HEXATRONIC)
(TELEPHONE MULTI-DUCT IN JOINT TRENCH W/ PWR)



THIS PROJECT HAS BEEN DESIGNED
AS JOINT TRENCH WITH NV ENERGY
PER THE LATEST NV ENERGY PLAN
NOTIFY THE CENTURYLINK ENGINEER
IMMEDIATELY IF REVISIONS OCCUR

FIBER TO THE PREMISE (FTTP) / SINGLE FAMILY HOMES
MINIMUM INSIDE WIRING REQUIREMENTS FOR
CUSTOMER OWNED PREMISE WIRE (COPW)

CUSTOMER OWNED PREMISE WIRE (COPW) SHALL CONSIST OF ONE SEPARATE CAT-5E/CAT6 FOR VOICE AND ONE SEPARATE CAT-5E/CAT6 FOR VIDEO/DATA. COPW SHALL BE RUN FROM THE OUTDOOR TELEPHONE SERVICE BOX TO EACH RJ-11 (VOICE) AND RJ-45 (DATA) JACK AS DESIGNATED BY THE BUILDER.

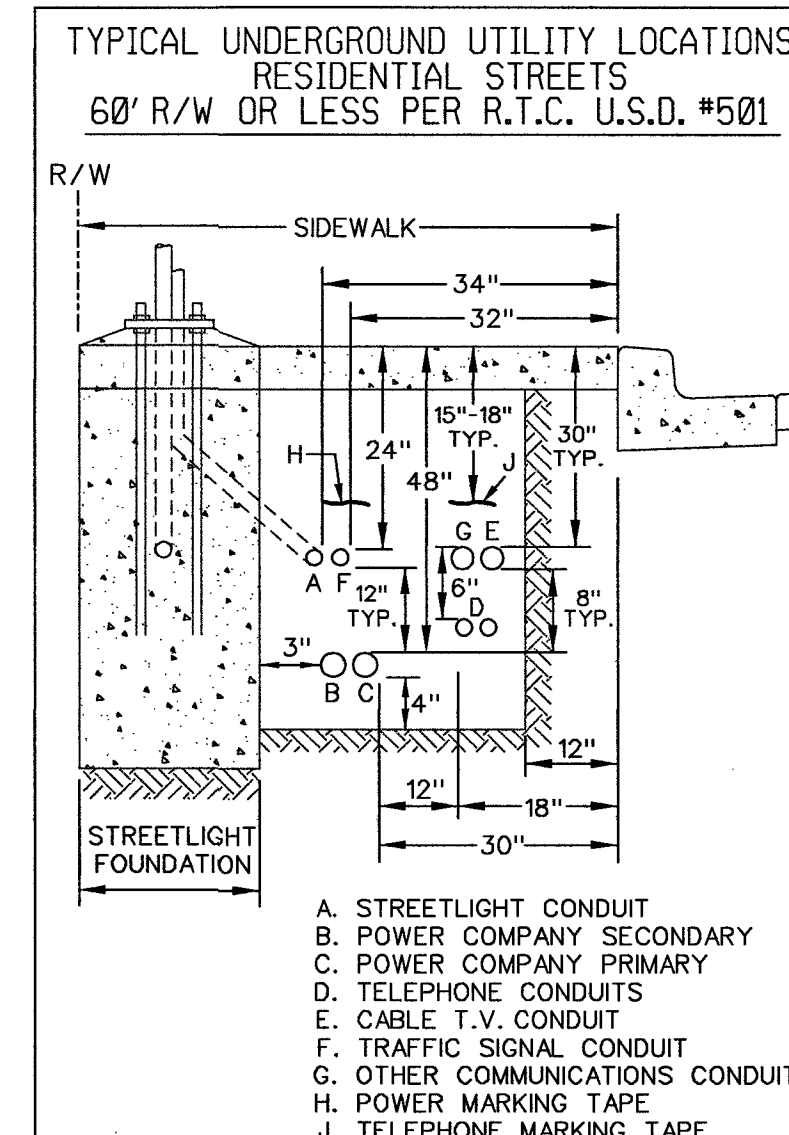
CAT5E/CAT6 CABLE HAS AN EFFECTIVE RANGE OF 100 METERS OR 328 FEET.
THE TOTAL LENGTH BETWEEN THE OUTDOOR DEMARK AND THE END ELECTRONICS
SHOULD NOT EXCEED 328 FEET.

CONTACT THE CENTURYLINK ENGINEER FOR ADDITIONAL INFORMATION REGARDING CENTURYLINK'S FIBER TO THE PREMISE DEPLOYMENTS FOR SINGLE FAMILY HOMES

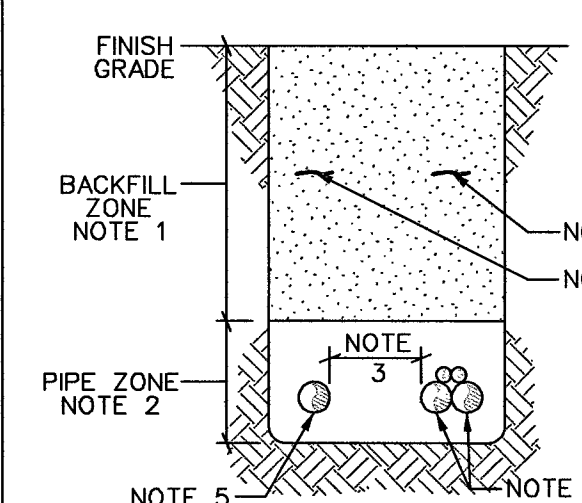
APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV
R/W OR CLV EASEMENTS ONLY.
OBTAINING PERMISSIONS
OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY
OF THE UTILITY.

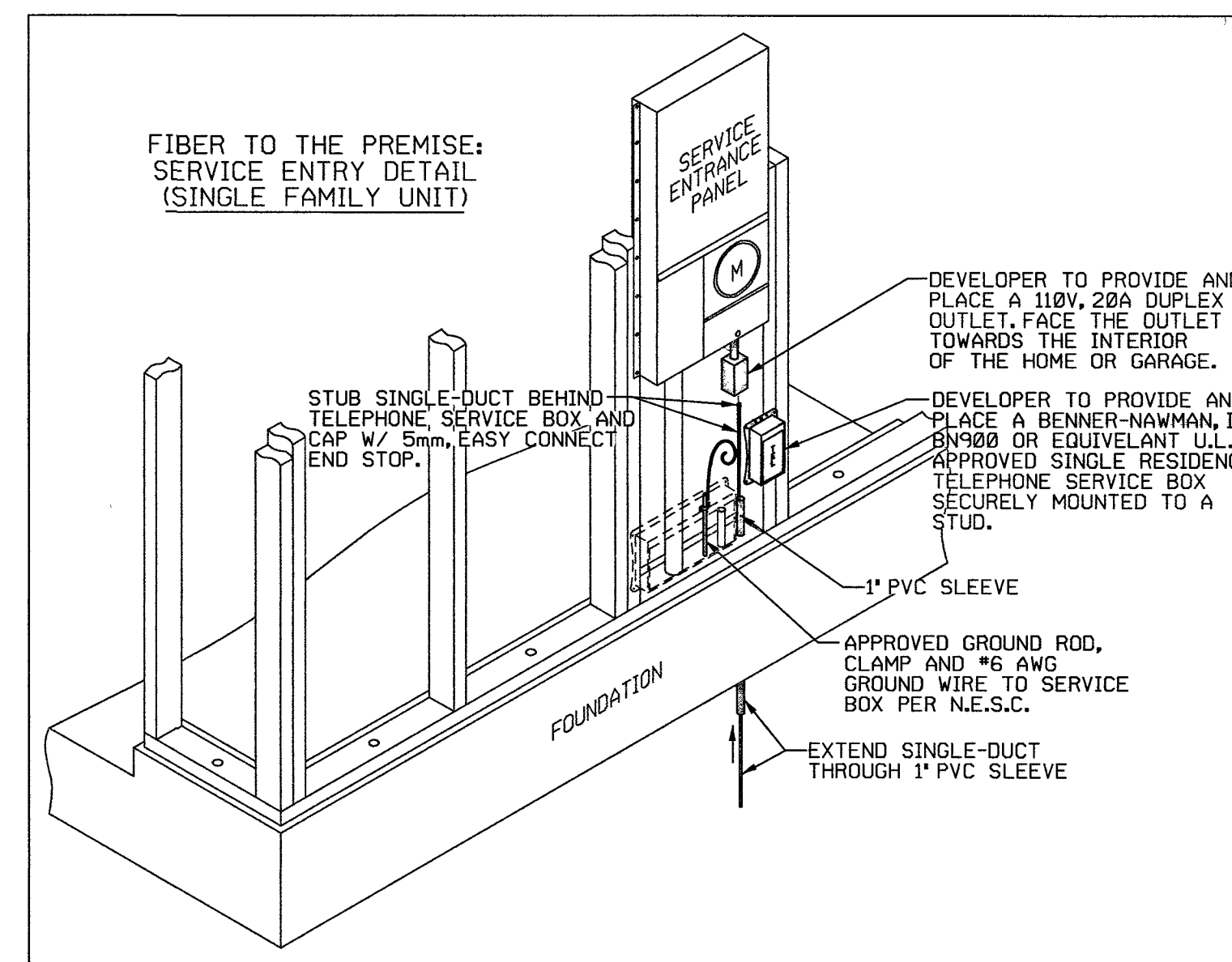
APPROVAL Shawn Bruth DATE 1/10/20



PIPE ZONE REQUIREMENTS



1. BACKFILL PER RTC USD 503.1; NO STONES OR LIMPS GREATER THAN 3" PERMITTED IN TRENCH.
2. APPROVED SAND 4" BELOW, 3" ON SIDES AND 8" ABOVE CONDUIT, COMPACTED TO 95% RELATIVE DENSITY.
3. PER NESC: MINIMUM 12" OF WELL TAMPED EARTH OR 3" OF CONCRETE SEPARATION BETWEEN COMMUNICATIONS AND HIGH VOLTAGE ELECTRIC.
4. PVC OR MULTI-DUCT TELEPHONE CONDUIT (COMBINATION OF SIZES AND QTY. VARY)
5. POWER CONDUIT (COMBINATION OF SIZES AND QTY. VARY)
6. TELEPHONE MARKING TAPE 15"-18" BELOW GRADE
7. POWER MARKING TAPE 15"-18" BELOW GRADE



DEVELOPER/CONTRACTOR NOTE:
CALL CENTURYLINK'S CONTROL CENTER AT 702-244-7811 TO
SCHEDULE INSPECTIONS OF OPEN TRENCH AS REQUIRED. ALLOW
48 HOURS ADVANCE NOTICE FOR DIRECT BURIED MULTI-DUCT
IN OPEN TRENCH AND SIDE-LOT TRENCH SECTIONS. THE 48
HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES
THE OPEN TRENCH.

RTC SOUTHERN NEVADA NOTES:

- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.
- FOR BACKFILL REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

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CITY OF LAS VEGAS PERMIT REQUIRED *		(24 X36 SHEET) AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY TO CALL  OR 1-800-227-2600
DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		
* CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		
INSPECTOR:	DATE:	



OR
1-800-227-2600



*CONFIDENTIAL-Disclose and Distribute
Solely to CTL Employees Having a
Need to Know.*

Sheet: 2	Issue Date: 10/19/1
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L18-00350-1200

10745062-3

Project Description: RESIDENTIAL FIBER TO THE PREMISE (FTTP) - HEXATRONIC

Project # N.440391

WC CII: I SVGNVXVW

Community Name: SUMMERLIN VILLAGE 24 PARCEL C PHASE 2

WEST WEST

Remote Switch Exchange Key: N/A

Engineering Contact	Name: Lori Johnson Phone Number: 702-244-7899
Contract Engineer	Name: Tyler Owen Phone Number: 702-395-2776

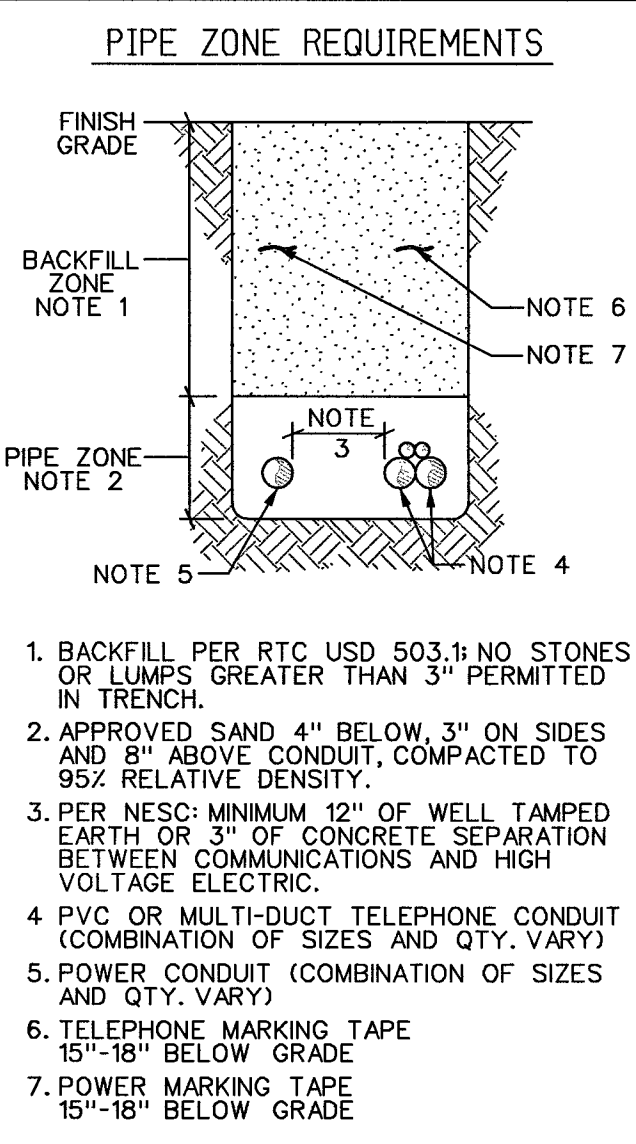
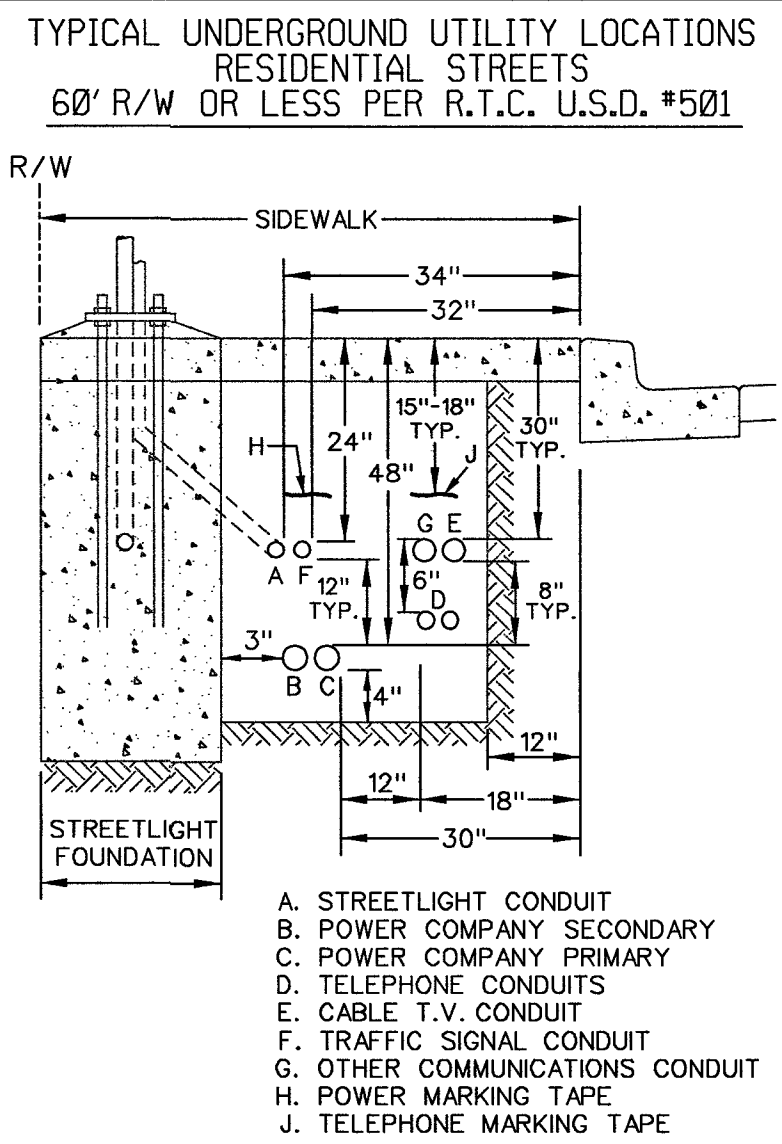
Engineer	Phone Number: 702-555-2770
Construction Coordinator	Name: Stacie Booth Phone Number: 702-244-7830

Revision: 0



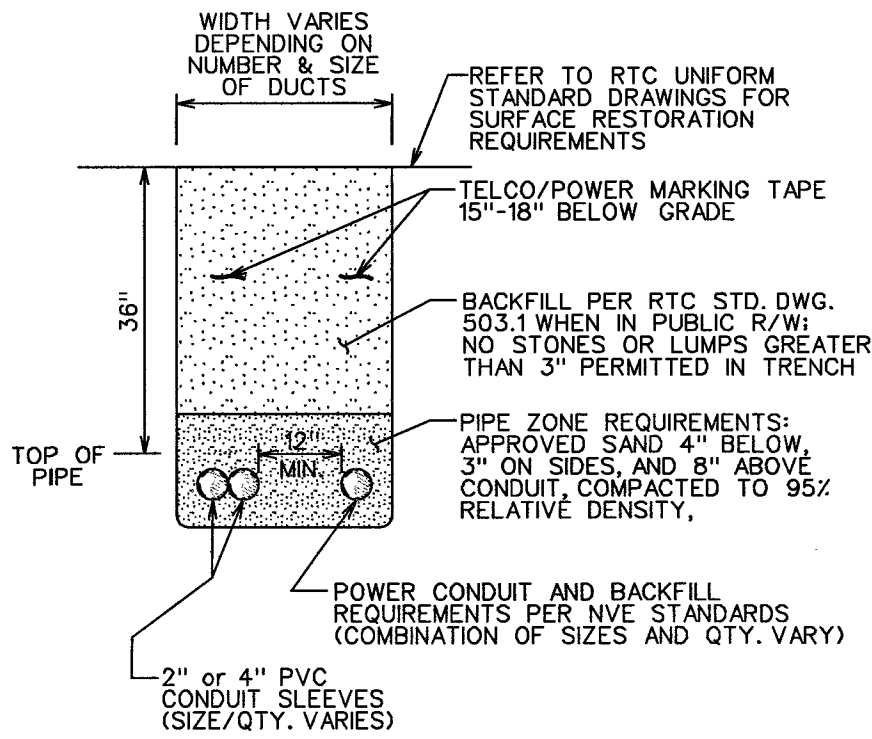
RE-IMBURSEABLE PROJECT QUANTITIES
THE DEVELOPER'S CONTRACTOR MAY SUBMIT A PROPOSAL FOR THIS WORK PER THE LATEST STANDARD CONTRACTOR PRICE LIST.

MATERIAL ITEMS (ALL TRENCHING BY DEVELOPER)	EST. QTY.
4" D.B. 100 GRADE PVC	102 L.F.
2" D.B. 60 GRADE PVC	328 L.F.
4"x48" SCH. 40 PVC 90° BENDS	0 EACH
2"x36" SCH. 40 PVC 90° BENDS	0 EACH



DEVELOPER/CONTRACTOR NOTE:
CALL CENTURYLINK'S CONTROL CENTER AT 702-244-7811 TO
SCHEDULE INSPECTIONS OF STREET CROSSINGS AS REQUIRED.

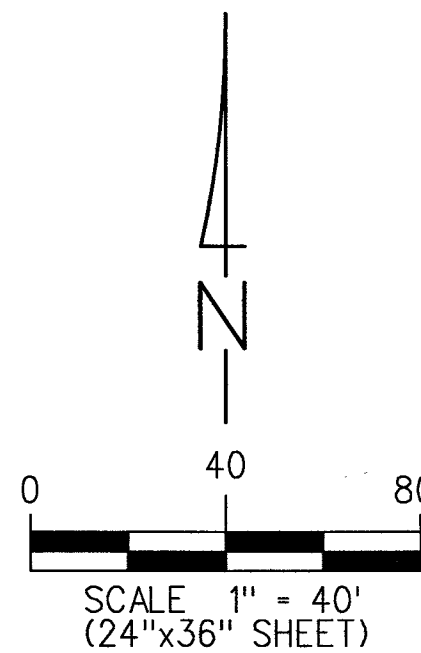
TYPICAL SLEEVE TRENCH DETAIL
(TELEPHONE CONDUIT IN JOINT TRENCH W/ PWR)



THIS PROJECT HAS BEEN DESIGNED
AS JOINT TRENCH WITH NV ENERGY
PER THE LATEST NV ENERGY PLAN.
NOTIFY THE CENTURYLINK ENGINEER
IMMEDIATELY IF REVISIONS OCCUR.

RTC SOUTHERN NEVADA NOTES:

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- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
- FOR BACKFILL REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS



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APPROVED FOR CONSTRUCTION

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OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY
OF THE UTILITY.

APPROVAL: *[Signature]* DATE: *[Signature]*

CITY OF LAS VEGAS PERMIT REQUIRED *		AVOID CUTTING UNDERGROU UTILITY LINES. IT'S COSTL CALL 811 OR 1-800-227-2600
DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		
* CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY		
INSPECTOR:	DATE:	

Project Description: RESIDENTIAL FIBER TO THE PREMISE (FTTP) - HEXATRONIC

Project # N.440391 WC CLLI: LSVGNVXVW

Community Name: SUMMERLIN VILLAGE 24 PARCEL C PHASE 2

WEST WEST Remote Switch Exchange Key: N/A

Engineering Contact Name: Lori Johnson
Phone Number: 702-244-7899
Contract Engineer Name: Tyler Owen
Phone Number: 702-395-2776
Construction Coordinator Name: Stacie Booth
Phone Number: 702-244-7830
Revision: 0



CONFIDENTIAL-Disclose and Distribute
Solely to CTL Employees Having a
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Sheet: 2A Issue Date: 10/19/1

L18-00350-0001

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F-2: HEXATRONIC LAYOUT



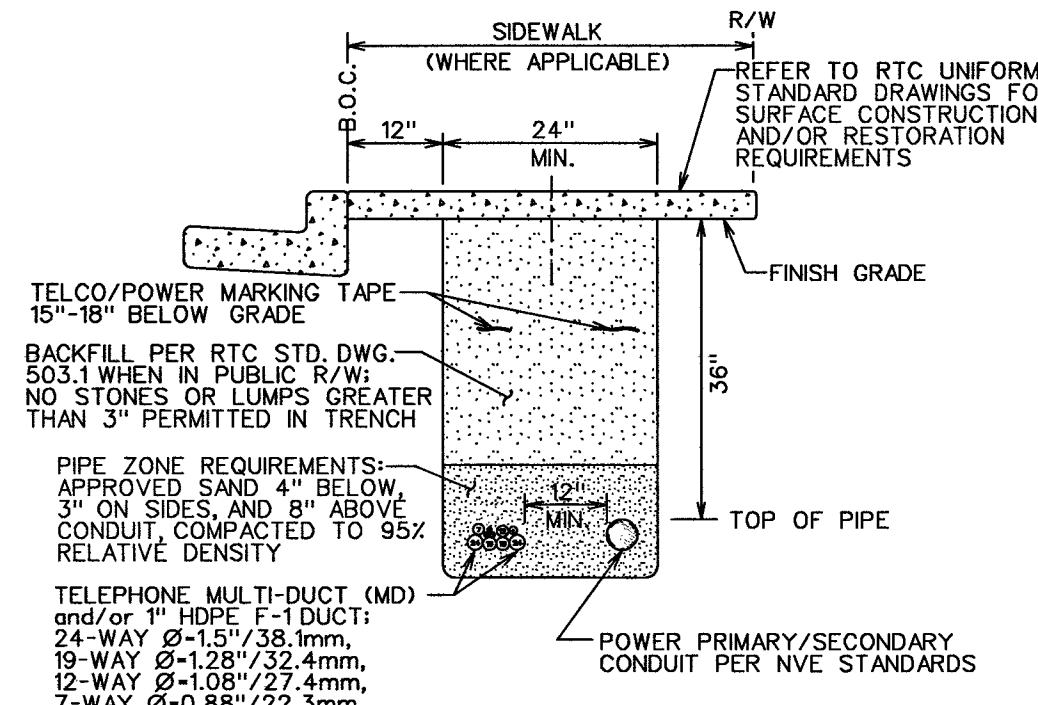
TOTAL HEXATRONIC QUANTITIES:		
MATERIAL (HEX)	DESIGN EST.	ORDER QTY.
*24W MULTI-DUCT	1,940	1,640
1W SINGLE-DUCT	7,287	8,200
DJC	20 EACH	20 EACH

*NOTE: USE EXCESS 24-WAY M.D. ORDERED ON UNIT 1 (N.305747)

THIS DRAWING MAY SHOW APPROXIMATE LOCATIONS OF KNOWN UTILITIES IN THE IMMEDIATE VICINITY OF THE WORK TO BE DONE, BUT CENTURYLINK DOES NOT GUARANTEE OR ASSUME LIABILITY FOR THEIR POSITION OR DEPTH. CONTRACTORS SHALL DETERMINE TO THEIR SATISFACTION THE ACTUAL POSITION AND DEPTH OF EXISTING UTILITIES AS THEY WILL ASSUME THIS LIABILITY DURING THE PERFORMANCE OF THIS WORK.

SINGLE-DUCT (S.D.) NOTE:
 1) CONTRACTOR TO COIL, TEST AND END CAP THE SINGLE-DUCT (S.D.) AT EACH LOT LINE WHERE DESIGNATED ON THE DRAWINGS.
 2) LABEL EACH S.D. WITH THE LOT NUMBER.
 3) LEAVE SUFFICIENT AMOUNT OF SINGLE-DUCT COILED AT THE SIDE LOT TRENCH TO REACH THE ENTRY POINT OF EACH HOME. NOTE THAT LENGTHS VARY TO EACH HOME DUE TO VARYING SETBACKS AT EACH LOT.
 4) S.D. WILL BE EXTENDED TO EACH HOME AT A LATER DATE WHEN THE SIDE LOT TRENCHES ARE OPENED.

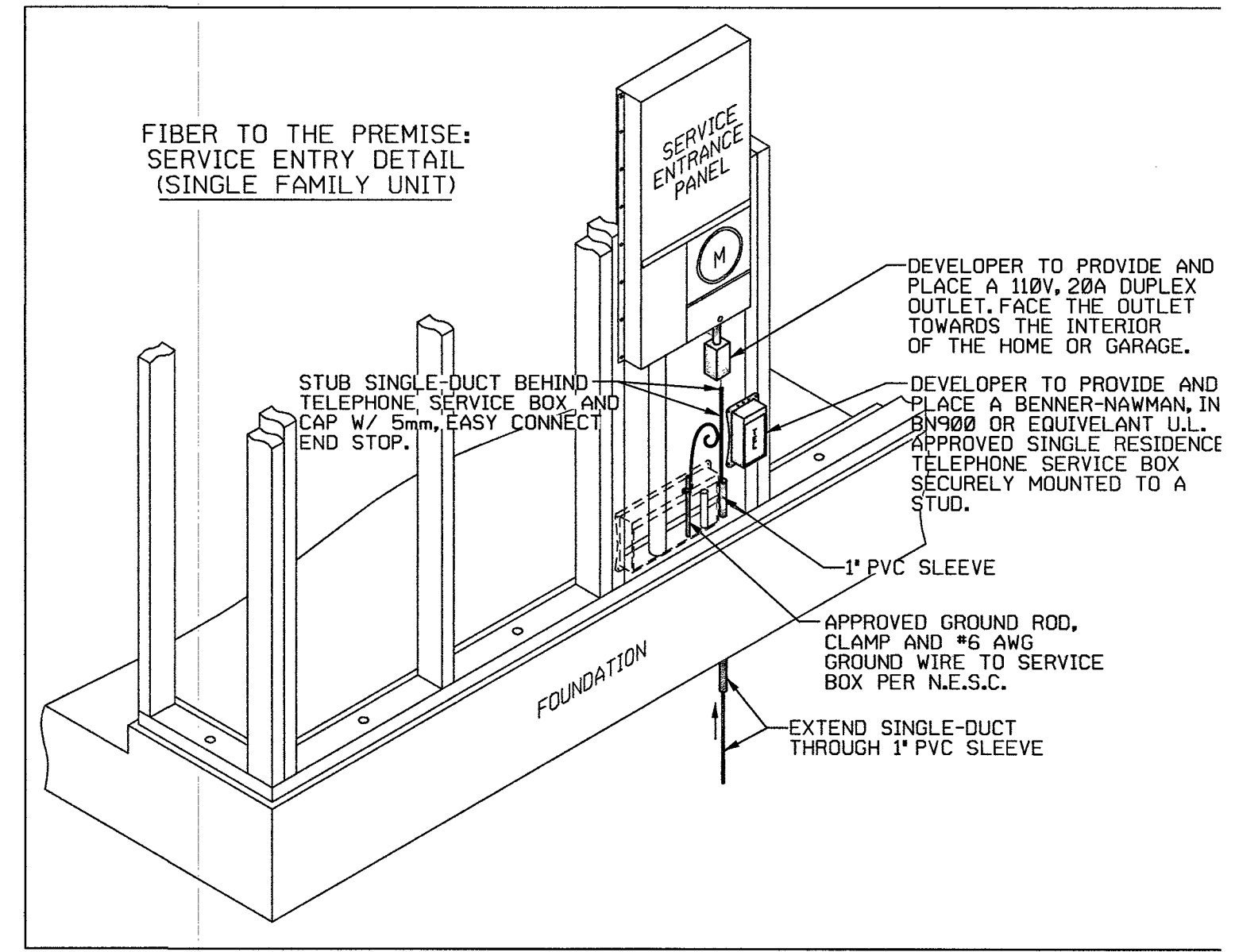
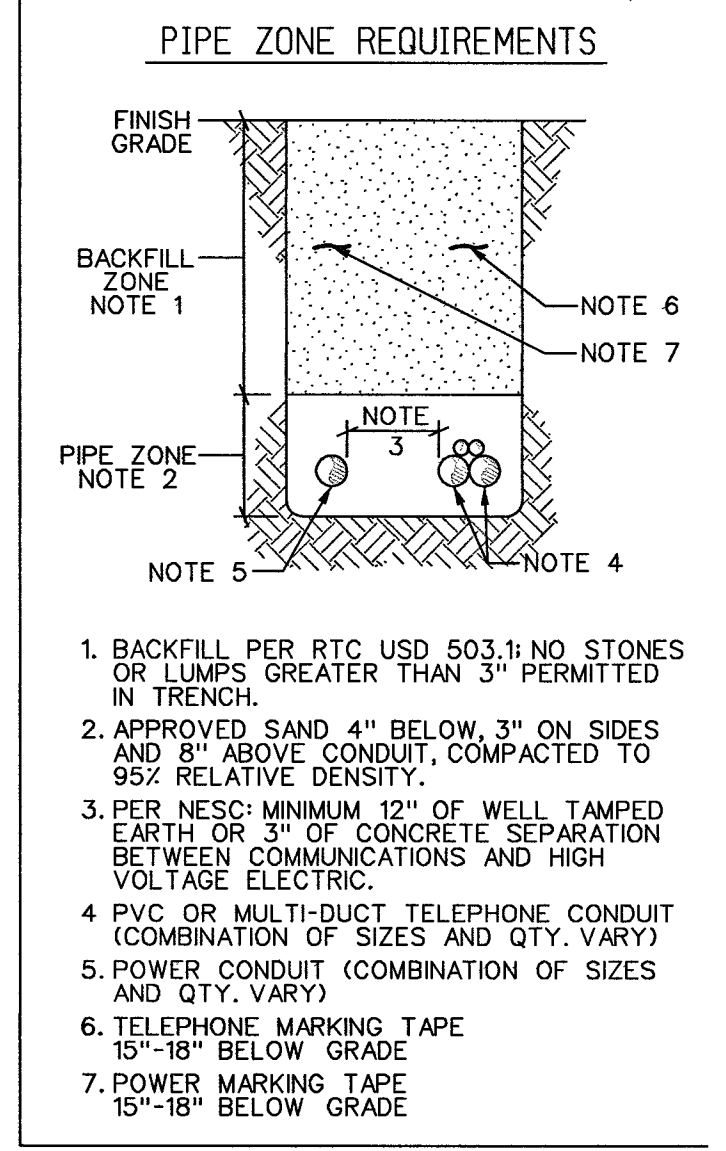
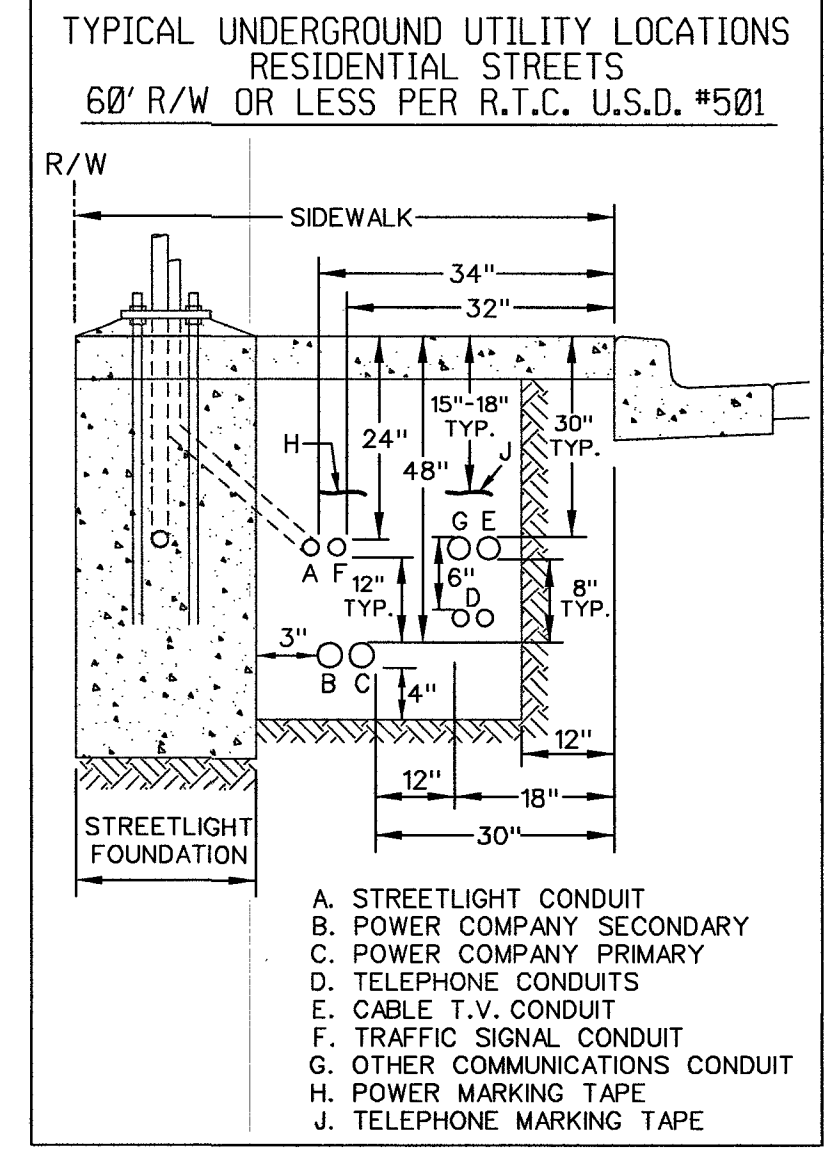
TYPICAL TRENCH SECTION (HEXATRONIC) (TELEPHONE MULTI-DUCT IN JOINT TRENCH W/ PWR)



THIS PROJECT HAS BEEN DESIGNED AS JOINT TRENCH WITH NV ENERGY PER THE LATEST NV ENERGY PLAN. NOTIFY THE CENTURYLINK ENGINEER IMMEDIATELY IF REVISIONS OCCUR.

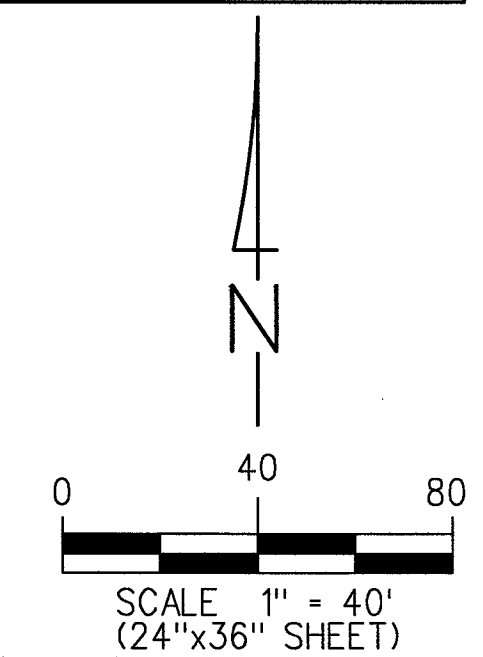
FIBER TO THE PREMISE (FTTP) / SINGLE FAMILY HOMES
 MINIMUM INSIDE WIRING REQUIREMENTS FOR CUSTOMER OWNED PREMISE WIRE (COPW)
 CUSTOMER OWNED PREMISE WIRE (COPW) SHALL CONSIST OF ONE SEPARATE CAT-5E/CAT6 FOR VOICE AND ONE SEPARATE CAT-5E/CAT6 FOR VIDEO/DATA. COPW SHALL BE RAN FROM THE OUTDOOR TELEPHONE SERVICE BOX TO EACH RJ11 (VOICE) AND RJ45 (DATA) JACK AS DESIGNATED BY THE BUILDER.
 CAT5E/CAT6 CABLE HAS AN EFFECTIVE RANGE OF 100 METERS OR 328 FEET. THE TOTAL LENGTH BETWEEN THE OUTDOOR DEMARK AND THE END ELECTRONICS SHOULD NOT EXCEED 328 FEET.
 CONTACT THE CENTURYLINK ENGINEER FOR ADDITIONAL INFORMATION REGARDING CENTURYLINK'S FIBER TO THE PREMISE DEPLOYMENTS FOR SINGLE FAMILY HOMES.

APPROVED FOR CONSTRUCTION
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 APPROVAL: *Shawn Butts* DATE: *10/19/11*



DEVELOPER/CONTRACTOR NOTE:
 CALL CENTURYLINK'S CONTROL CENTER AT 702-244-7811 TO SCHEDULE INSPECTIONS OF OPEN TRENCH AS REQUIRED. ALLOW 48 HOURS ADVANCE NOTICE FOR DIRECT BURIED MULTI-DUCT IN OPEN TRENCH AND SIDE-LOT TRENCH SECTIONS. THE 48 HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES THE OPEN TRENCH.

RTC SOUTHERN NEVADA NOTES:
 • FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
 • FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
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Project Description: RESIDENTIAL FIBER TO THE PREMISE (FTTP) - HEXATRONIC		Engineering Contact	Name: Lori Johnson Phone Number: 702-244-7899
Project # N.440391	WC CLLI: LSVGNVXVW	Contract Engineer	Name: Tyler Owen Phone Number: 702-395-2776
Community Name: SUMMERLIN VILLAGE 24 PARCEL C PHASE 2		Construction Coordinator	Name: Stacie Booth Phone Number: 702-244-7830
WEST WEST	Remote Switch Exchange Key: N/A	Revision: 0	



CONFIDENTIAL-Disclose and Distribute Solely to CTL Employees Having a Need to Know.

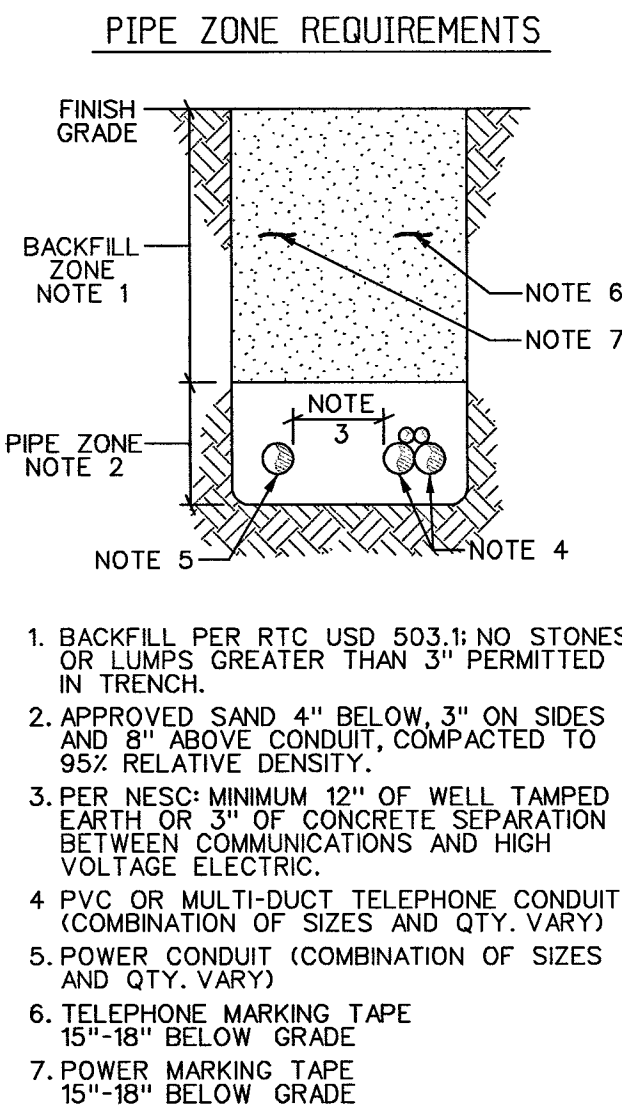
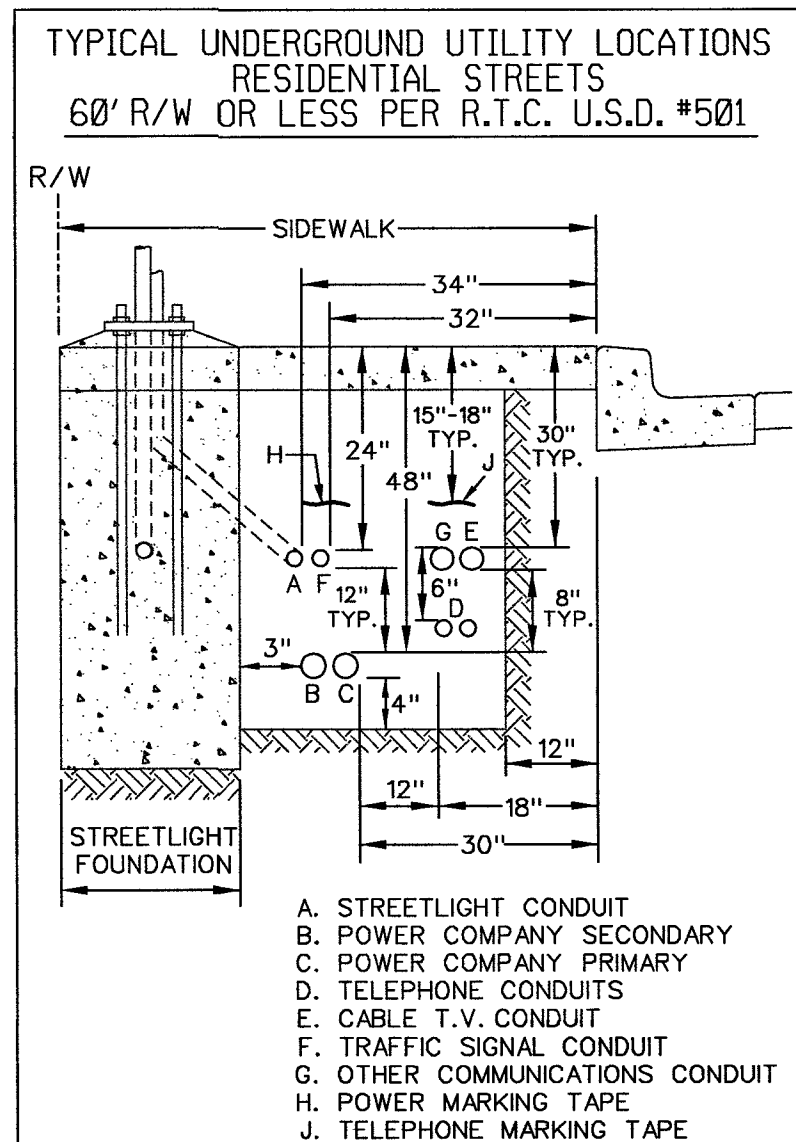
Sheet: 3 Issue Date: 10/19/11

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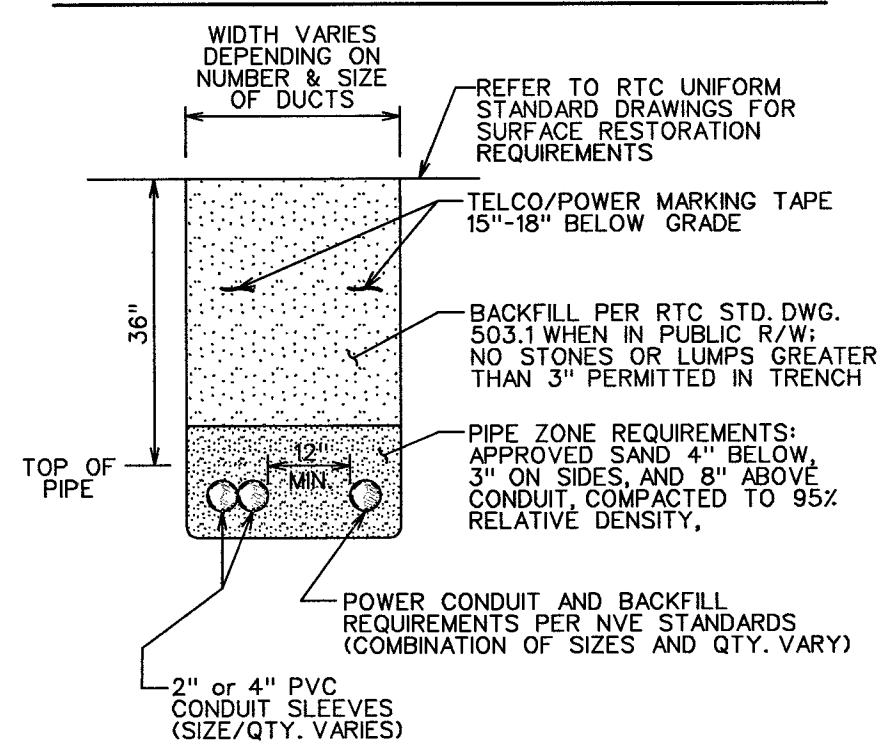
STREET CROSSINGS - SLEEVES



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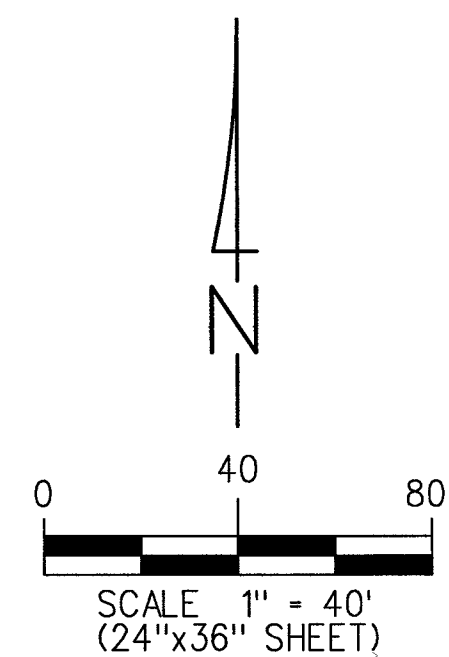
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APPROVAL: *Shawn Smith* DATE: *11/10/18*

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Project * N.440391

WC CLLI: LSVGNVXVW

Community Name: SUMMERLIN VILLAGE 24 PARCEL C PHASE 2

WEST WEST

Remote Switch Exchange Key: N/A

Engineering Contact: Name: Lori Johnson
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Contract Engineer: Name: Tyler Owen
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Revision: 0



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Sheet: 3A

Issue Date: 10/19/18

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